



Product Service

CERTIFICATE

No. B 013332 0254 Rev. 01

Holder of Certificate: IDEC CORPORATION

2-6-64 Nishimiyahara, Yodogawa-Ku
Osaka
532-0004 JAPAN

Certification Mark:



Product: Switches

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73587310

Valid until: 2027-03-28

Date, 2022-03-29

(Shigehisa Ishikawa)

CERTIFICATE

No. B 013332 0254 Rev. 01

Model(s): **HS5E, -K Series**

Nomenclature:

HS5E - (1) (2) (3) (4) (5) (6) (7) - (8) - (9) - (10)

- (1) Interlock Type
 Blank - Normal type (with spring / solenoid)
 K - Interlock-key-operator type

(2)

Contact Configuration	Door Closing & Locking ⊙	Door Opening	Door Closing ⊙	Locking ⊕	Unlocking
A	1	1	0	0	1
B	1	1	0	1	0
C	1	0	1	0	1
D	1	0	1	1	0
F	1	0	2	0	0
G	1	1	1	0	0
H	1	0	0	2	0
J	1	0	0	1	1
DD	2	0	0	0	0
VA	0	1	1	1	1
VB	0	1	1	2	0
VC	0	0	2	1	1
VD	0	0	2	2	0
VF	0	0	3	1	0
VG	0	1	2	1	0
VH	0	0	1	3	0
VJ	0	0	1	2	1

All contact elements have direct opening action mechanism (⊙) independently.

- (3) Operational Voltage for Solenoid
 Blank - Without solenoid (interlock-key-operator type of item (1))
 4 - Spring lock / 24 V dc solenoid release
 7Y - 24 V dc solenoid lock / Spring release
- (4) Rated Voltage for Indicator Light (may be followed)
 0 - Without indicator light
 4 - 24 V dc
- (5) With/Without Key Operator for Lock-Release (may be followed)
 Blank - With key operator
 or without key operator when interlock-key-operator type of item (1)
 N - Remove screw and operate by screwdriver inserted (w/o key operator)
- (6) With/Without Lever or Key Operator for Lock-Release
 (on the reverse side of body) (may be followed)
 Blank - Without lever and key operator
 L - With lever
 K - With key operator

CERTIFICATE

No. B 013332 0254 Rev. 01

- (7) Cable Length (may be followed)
- 01 - 1 m
 - 02 - 2 m
 - 03 - 3 m
 - 05 - 5 m
 - 10 - 10 m
 - XX - XX m (01 to 99 m)
- (8) Color of Indicator Light (may be followed)
- Blank - Without indicator light
 - G - Green
 - R - Red
- (9) Suffixes for interlock-key-operator type of item (1) (may be followed)
- (9) - 1. Key Maintained Position
 - 2 - 2-position
 - (9) - 2. Key Removable / Not Removable Position
 - A - Removable in all position
 - B - Not removable in right position
 - C - Not removable in left position
 - (9) - 3. Key No.
 - # - Any three numbers
- (10) (Optional) Manufacturer Control Number
Additional letter(s) and/or number(s) (may be including hyphens)

Accessory Cover

HS9Z-TG5* - $\frac{*}{2}$ Physical Obstruction in accordance with Section 7.2 of EN ISO 14119

1. Direction of Actuator Entry slot
 - T - for Top
 - F - for Front
2. (Optional) Manufacturer Control Number
 - * - Additional letter(s) and/or number(s) (may be including hyphens)

Parameters:

Utilization category:	AC-15 (250 V: 0.75 A) DC-13 (125 V: 0.22 A) DC-13 (30 V: 2.3 A)
Rated insulation voltage (Ui):	250 V
Rated voltage of solenoid:	24 V DC (except models HS5E-K)
Electrical durability:	100,000 operations
Mechanical durability:	1,000,000 operations (100,000 key turn operations model HS5E-K)
Operating frequency:	900 operations/hour
Class of protection:	II
Degree of protection:	IP67 (IP65 model HS5E-K)

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN 60947-5-1:2017
GS-ET-19:2019